

WHAT IS CLAIMED IS:

1. A signal recording/reproducing apparatus including a first power source unit which generates necessary electric power signals from a commercial power source, a second power source unit which generates a necessary electric power signal from a battery, a recording signal processing unit, and a reproduced signal processing unit; said apparatus comprising:

a time measuring instrument which is supplied with the electric power from said second power source unit; and

a charging unit which charges said battery with the electric charges;

wherein whenever said time measuring instrument measures a predetermined time, the generation of the electric power signals from said first power source unit is started, and said battery is charged with the electric charges by said charging unit.

2. A signal recording/reproducing apparatus including a first power source unit which generates necessary electric power signals from a commercial power source, a second power source unit which generates a necessary electric power signal from a battery, a recording signal processing unit, and a reproduced signal processing unit; said apparatus comprising:

a time measuring instrument which is supplied with the electric power from said second power source unit;

a detection unit which detects the output voltage level of said battery; and

a charging unit which charges said battery with the electric charges;

wherein whenever said time measuring instrument measures a predetermined time, the output voltage level of said battery is detected by said detection unit, and when the detected level is equal to or smaller than a predetermined value, if necessary, the generation of the electric power signals from said first power source unit is started and said battery is charged with the electric charges by said charging unit.

3. A signal recording/reproducing apparatus including a first power source unit which generates necessary electric power signals from a commercial power source, a second power source unit which generates a necessary electric power signal from a battery, a recording signal processing unit, and a reproduced signal processing unit; said apparatus comprising:

a time measuring instrument; and

a time storing unit which stores therein data relating to a predetermined time;

wherein both of said time measuring instrument and said time storing unit are supplied with the electric power from said second power source unit; and

wherein the start and stop of the generation of the electric power signals from said first power source unit are switched over to each other at the stored time.

4. A signal recording/reproducing apparatus including a first power source unit which generates necessary electric power signals from a commercial power source, a second power source unit which generates a necessary electric power signal from a battery, a recording signal processing unit, and a reproduced signal processing unit; said apparatus comprising:

a detector supplied with the electric power from said second power source unit for detecting the presence of a human body;

wherein when the presence of the human body is detected, the generation of the electric power signals from said first power source unit is started, while when the presence of the human body is not detected, the generation of the electric power signals from said first power source unit is stopped.